

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009243.D
 Acq On : 30 Apr 2019 14:07
 Operator : JC/SP
 Sample : K2594-12DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-190423DL

Quant Time: May 01 02:13:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

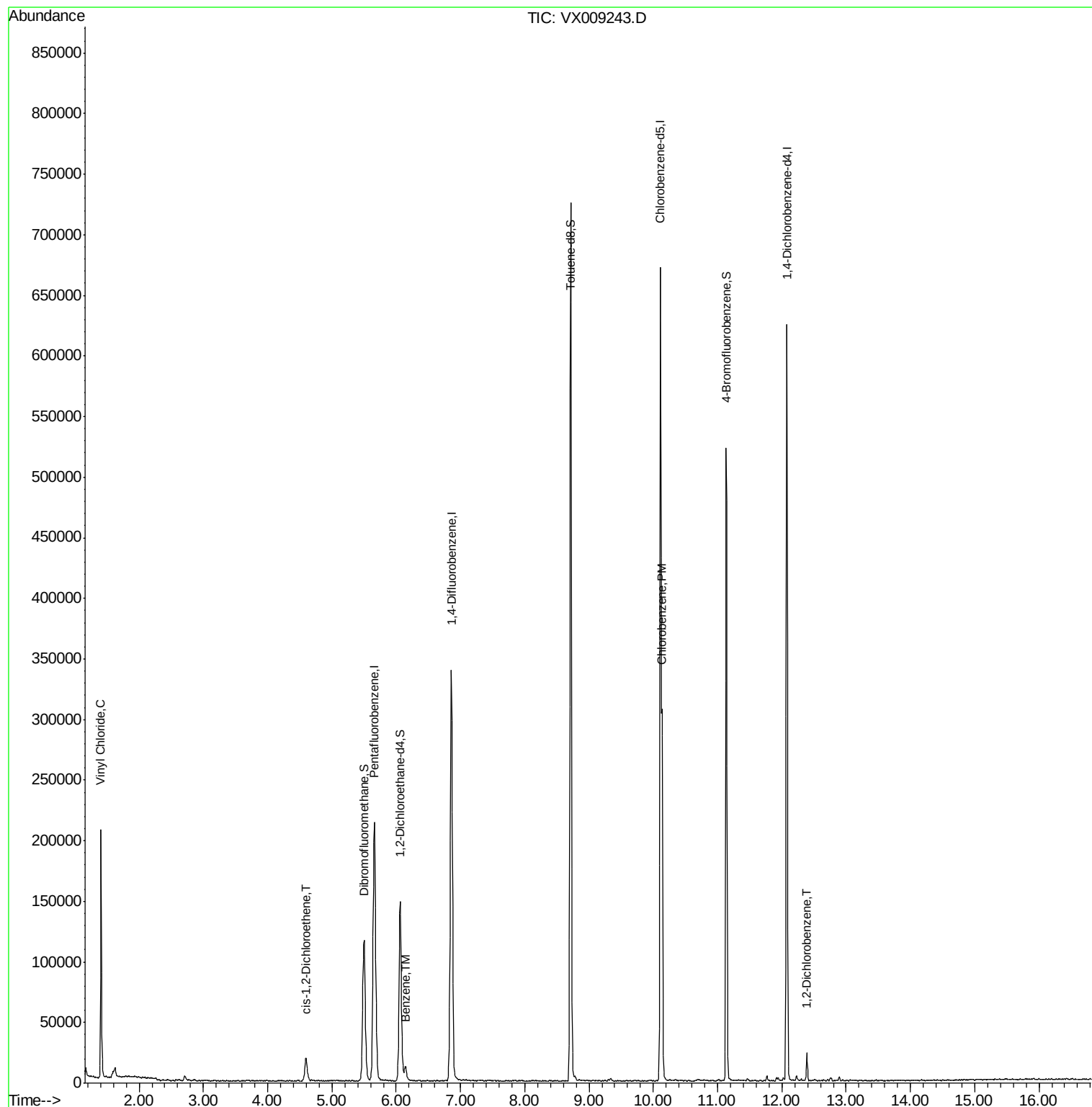
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137353	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	5.50	113	100261	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	421274	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	138403	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
4) Vinyl Chloride	1.40	62	141648	54.943	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	11546	4.524	ug/l	89
40) Benzene	6.15	78	12164	1.251	ug/l	96
65) Chlorobenzene	10.14	112	120730	20.596	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6506	1.593	ug/l	99

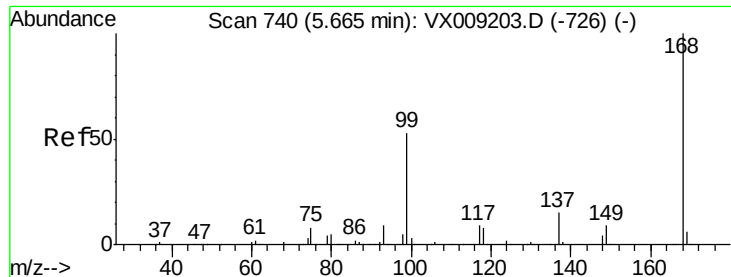
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

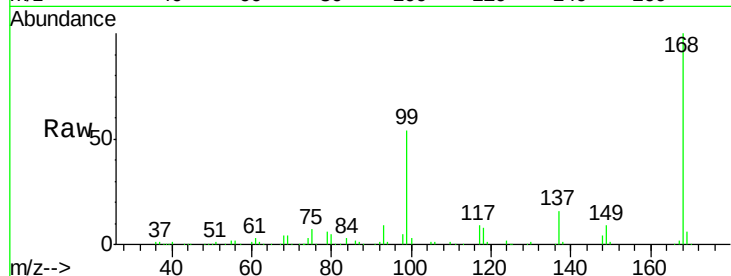
WP021RW246-190423DL

Tot Ion:168 Resp: 210145

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

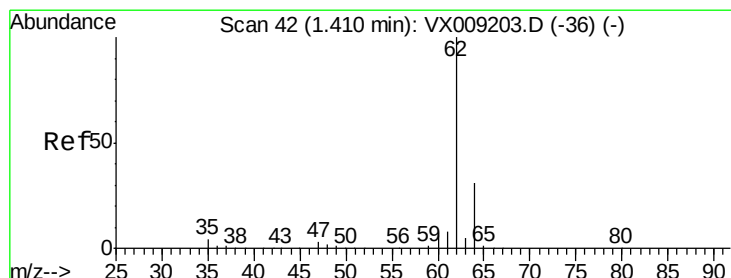
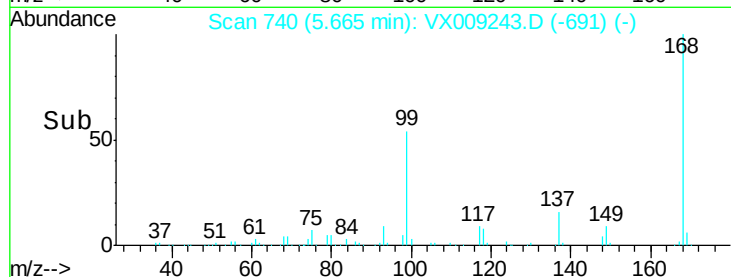
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 54.943 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009243.D

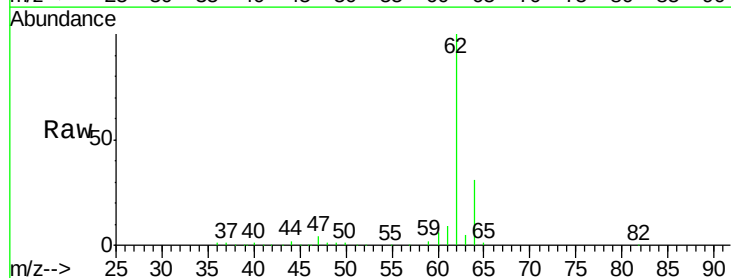
Acq: 30 Apr 2019 14:07

Tgt Ion: 62 Resp: 141648

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

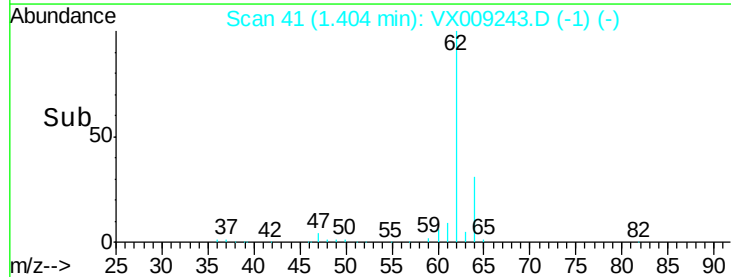
150000

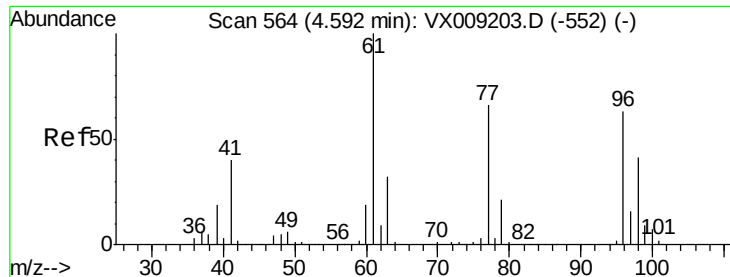
100000

50000

0

Time--> 1.30 1.40 1.50





#27

cis-1,2-Dichloroethene

Concen: 4.524 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-190423DL

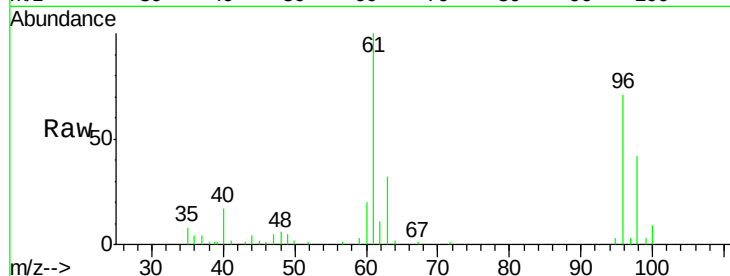
Tot Ion: 96 Resp: 11546

Ion Ratio Lower Upper

96 100

61 142.4 0.0 324.0

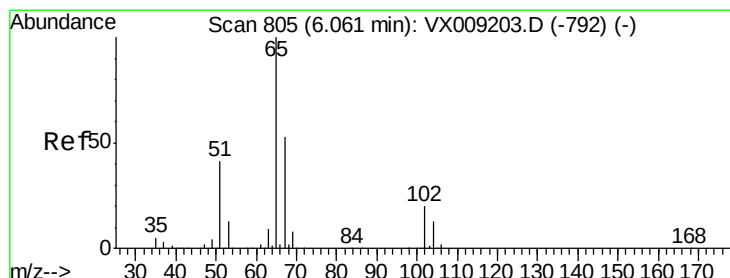
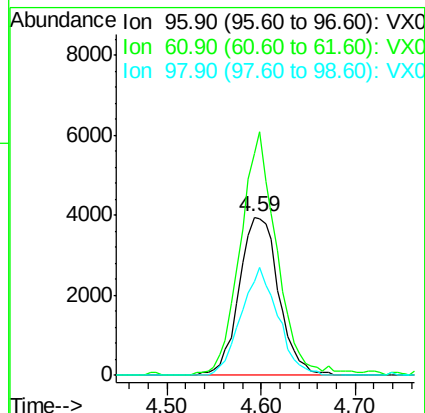
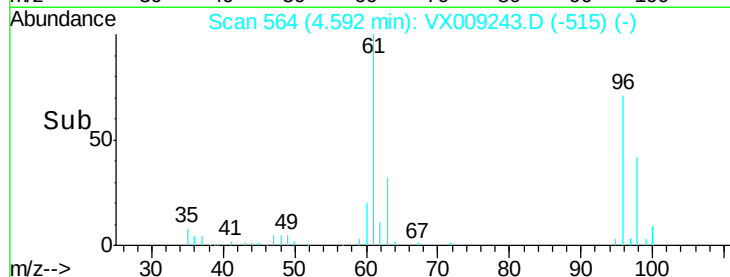
98 63.4 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.879 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009243.D

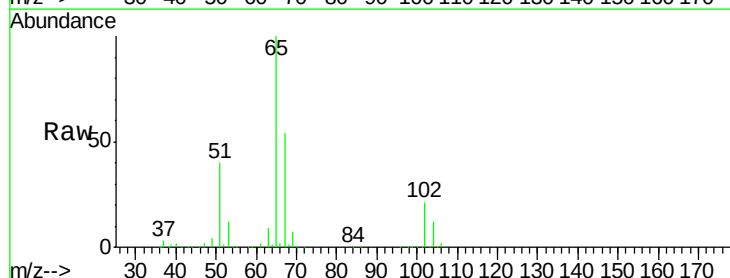
Acq: 30 Apr 2019 14:07

Tgt Ion: 65 Resp: 137353

Ion Ratio Lower Upper

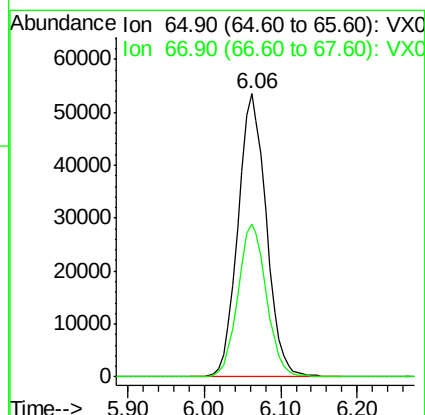
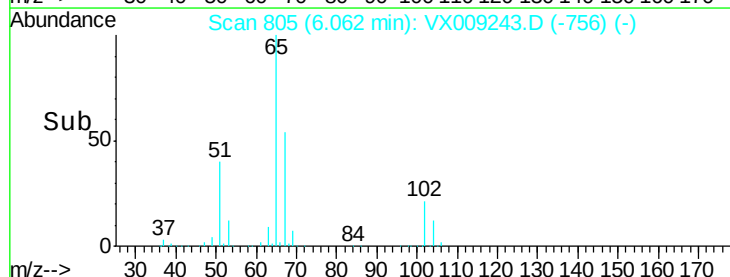
65 100

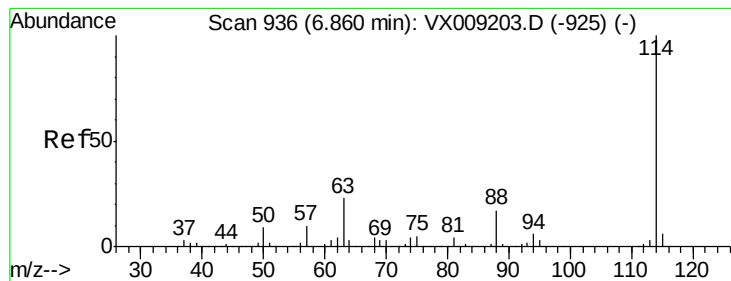
67 54.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-190423DL

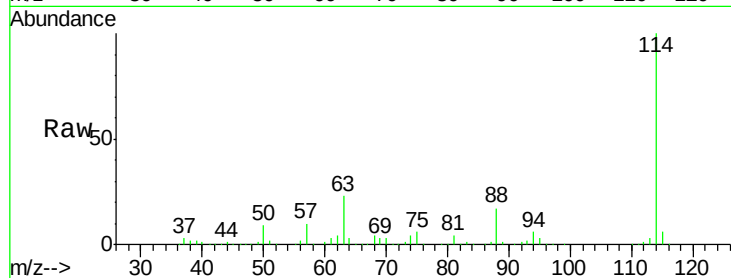
Tot Ion:114 Resp: 338098

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

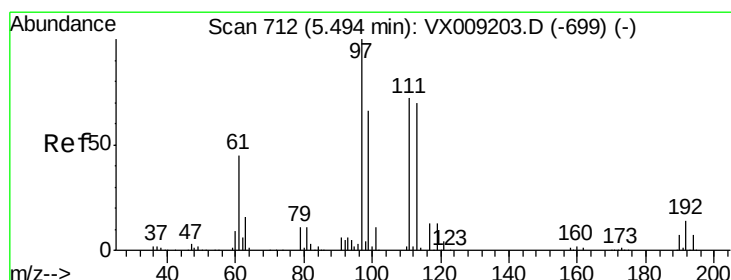
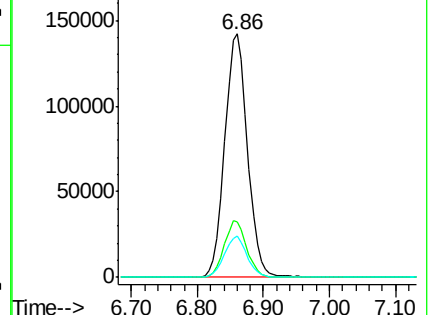
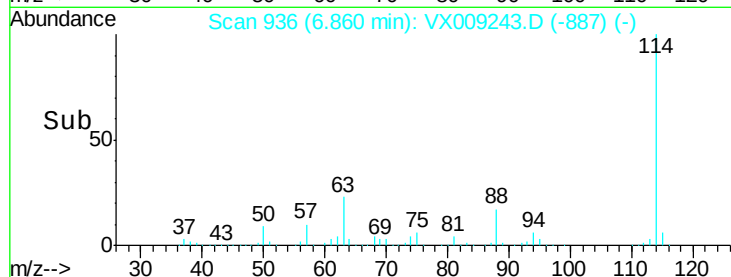
88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.172 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

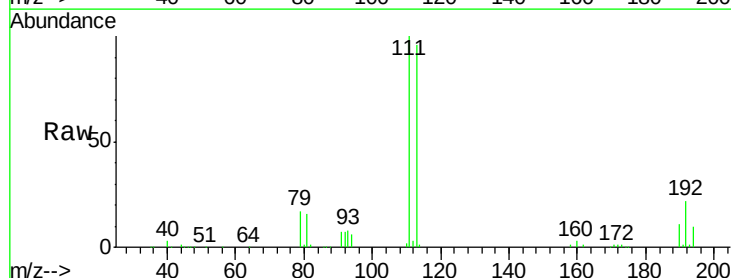
Tgt Ion:113 Resp: 100261

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

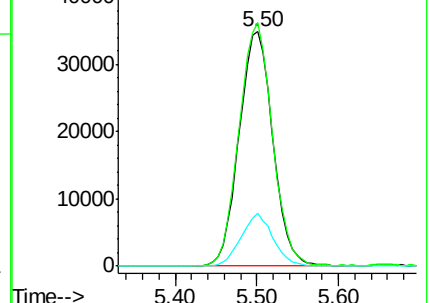
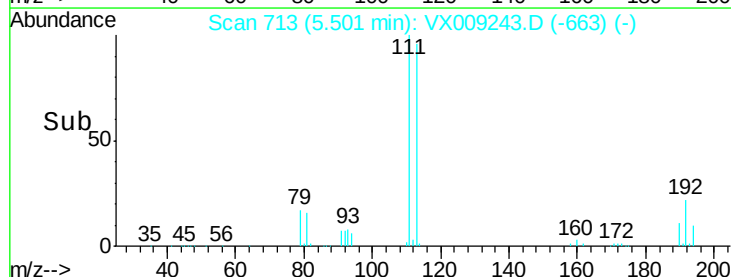
192 21.3 17.0 25.6

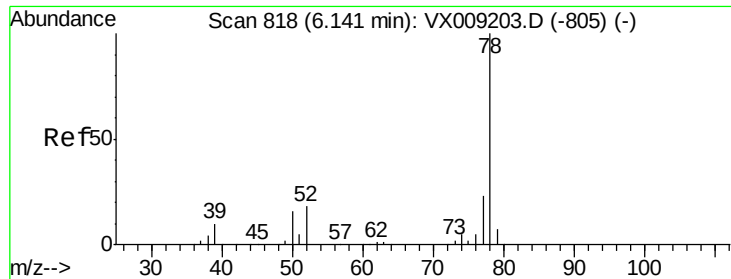


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

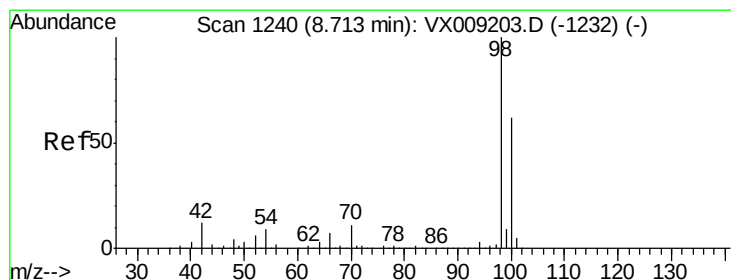
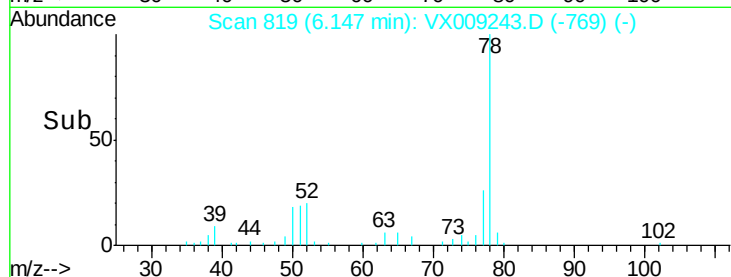
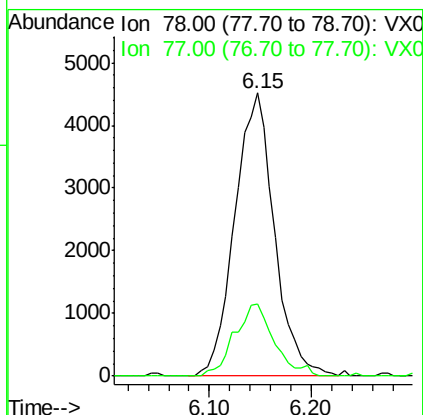
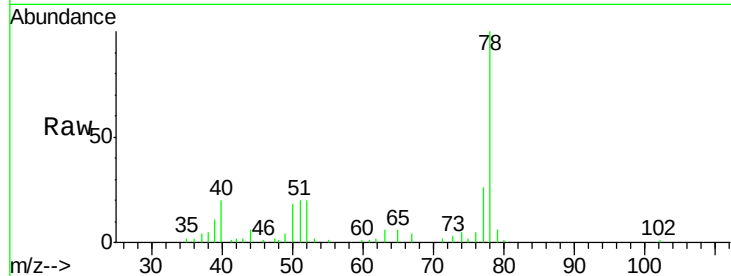




#40
Benzene
Concen: 1.251 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009243.D
Acq: 30 Apr 2019 14:07

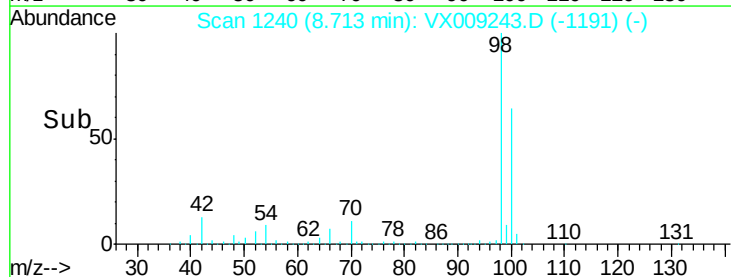
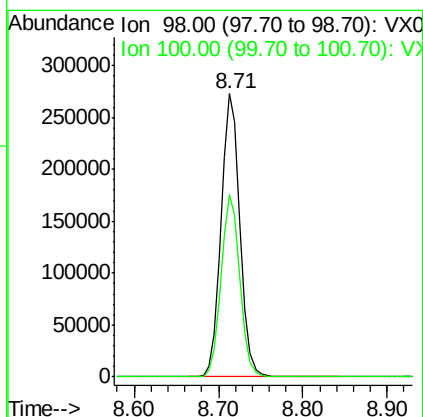
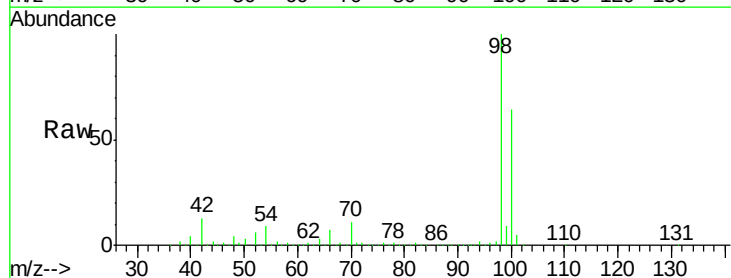
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423DL

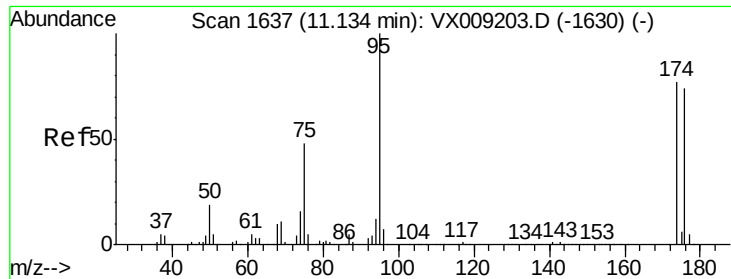
Tot Ion: 78 Resp: 12164
Ion Ratio Lower Upper
78 100
77 25.5 18.8 28.2



#50
Toluene-d8
Concen: 49.095 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009243.D
Acq: 30 Apr 2019 14:07

Tgt Ion: 98 Resp: 421274
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.389 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-190423DL

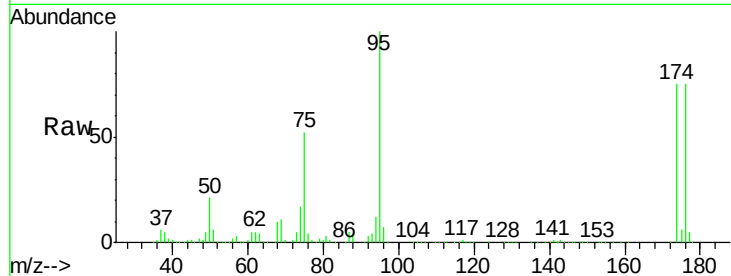
Tot Ion: 95 Resp: 138403

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

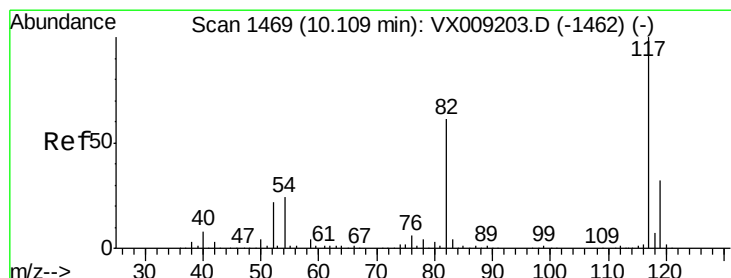
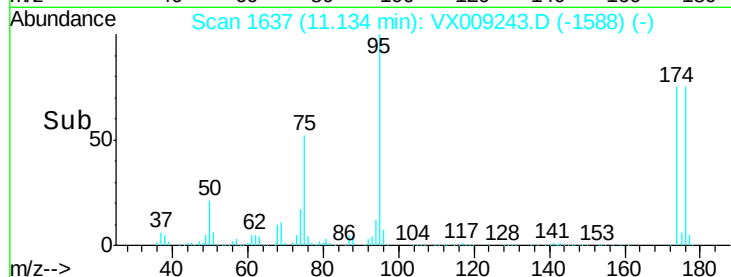
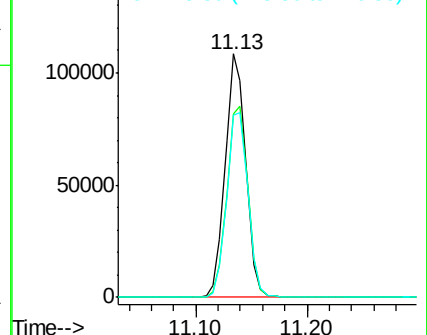
176 79.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009243.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009243.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009243.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

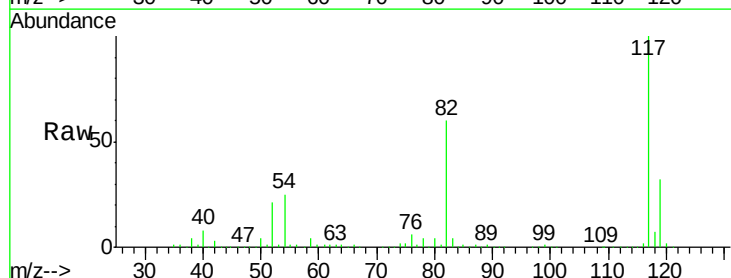
Tgt Ion: 117 Resp: 293021

Ion Ratio Lower Upper

117 100

82 60.2 48.8 73.2

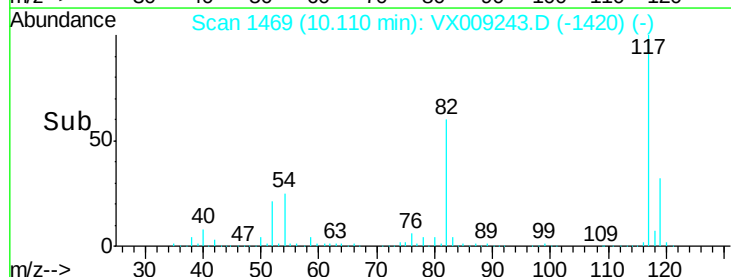
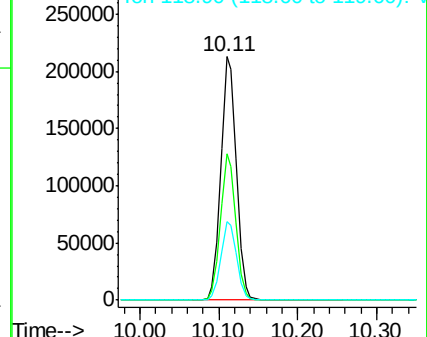
119 32.2 25.8 38.6

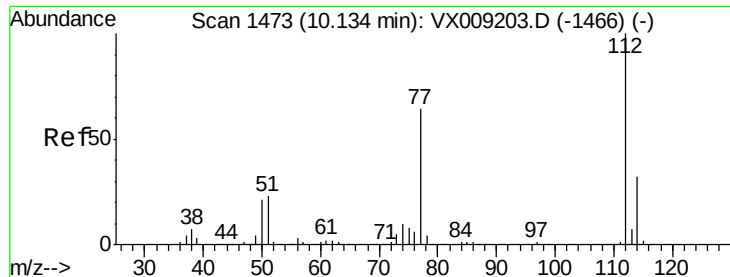


Abundance Ion 116.90 (116.60 to 117.60): VX009243.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009243.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009243.D (-1420) (-)





#65

Chlorobenzene

Concen: 20.596 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

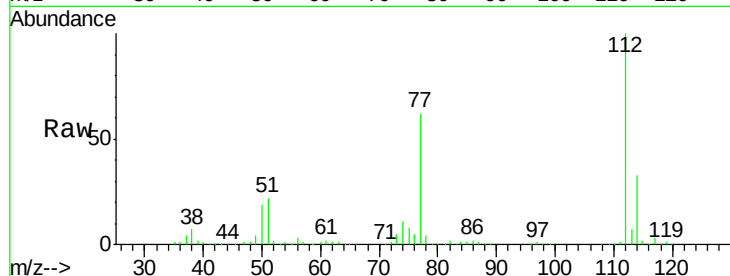
WP021RW246-190423DL

Tot Ion:112 Resp: 120730

Ion Ratio Lower Upper

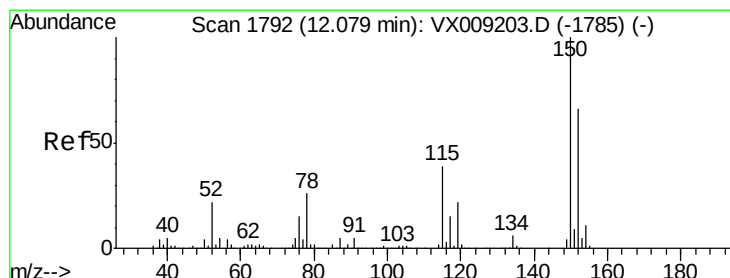
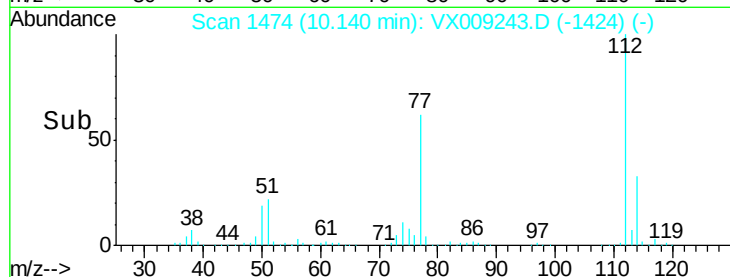
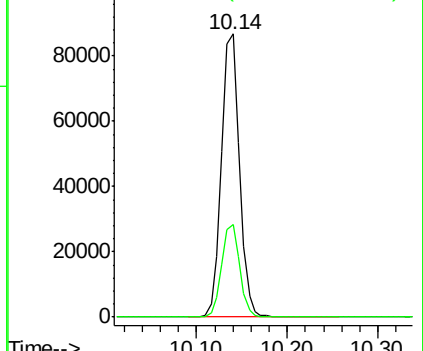
112 100

114 32.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

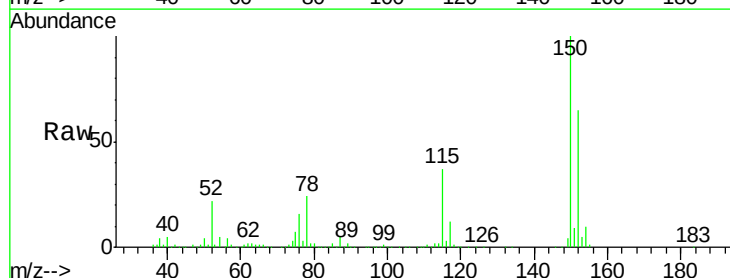
Tgt Ion:152 Resp: 124628

Ion Ratio Lower Upper

152 100

115 59.5 41.2 123.6

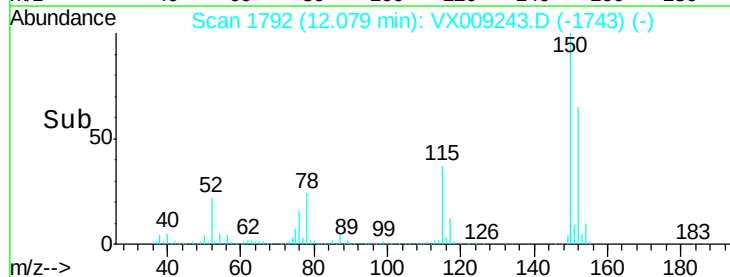
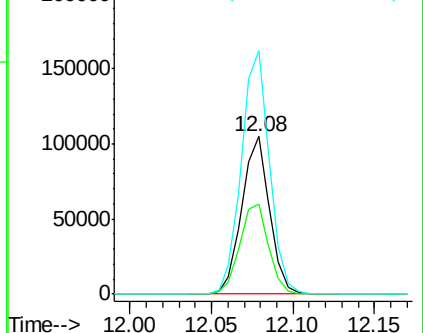
150 157.0 0.0 346.4

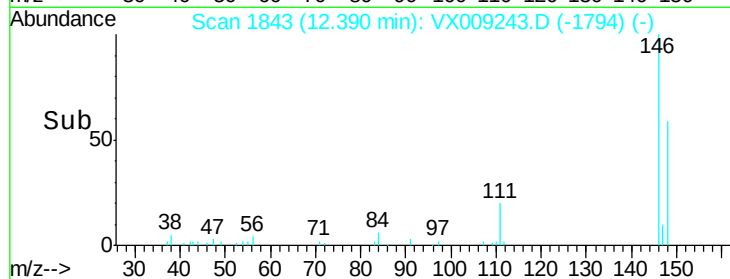
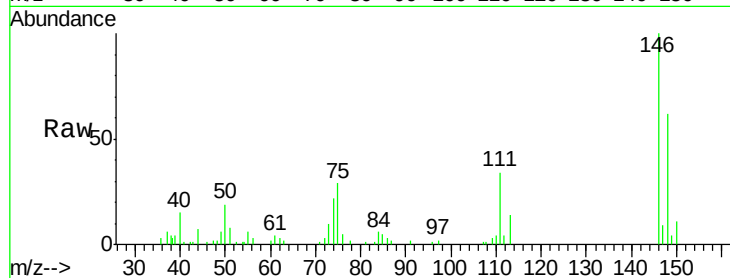
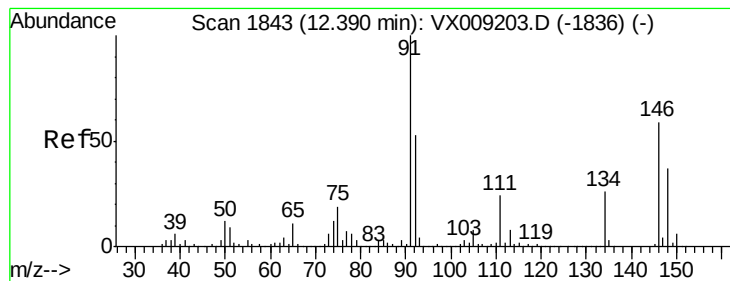


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 1.593 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009243.D

Acq: 30 Apr 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-190423DL

Tot Ion:146 Resp: 6506

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.4

148 63.2 31.9 95.9

Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

